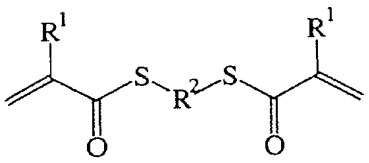
IN THE CLAIMS

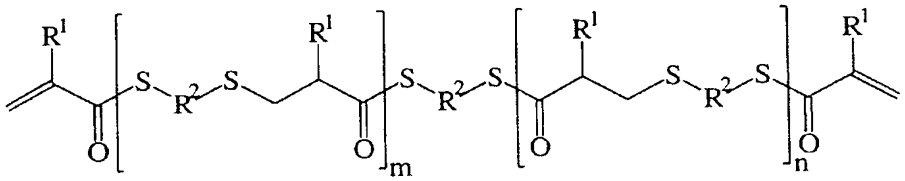
Please amend the claims as follows:

Claim 1 (Currently Amended): A mixture for preparing transparent plastics, comprising

a) compounds of the formula (I) [[and]] and/or (II)



(I)



(II)

where R^1, is independently of the others, is hydrogen or a methyl radical,

each R^2, is independently of the others, is a linear or branched, aliphatic or cycloaliphatic radical or a substituted or unsubstituted aromatic or heteroaromatic radical and each of m and n, independently of the others, is a whole number greater than or equal to 0, where $m + n > 0$, and

b) at least one asymmetric monomer (A) capable of free-radical polymerization with a molar mass of at least 150 g/mol, which contains at least two terminal olefinic groups,

wherein at least two of the olefinic groups of the monomer (A) have, in the α- and/or β-position with respect to the olefinic group, atoms which differ in nature and/or number, in the radical which connects the at least two olefinic groups.

Claim 2 (Previously Presented): The mixture according to Claim 1, wherein the monomer (A) encompasses at least one allyl group and at least one (meth)acryloyl group.

Claim 3 (Previously Presented): The mixture according to Claim 1 wherein the mixture comprises more than 10 mol%, based on the total amount of the compounds of the formula (I) and (II), of compounds of the formula (II) where $m + n = 2$.

Claim 4 (Previously Presented): The mixture according to Claim 1, wherein the radical R^2 of the formulae (I) and/or (II) is an aliphatic radical having from 1 to 10 carbon atoms.

Claim 5 (Previously Presented): The mixture according to Claim 1, wherein the mixture comprises more than 5.8 mol%, based on the total amount of the compounds of the formula (I) and (II), of compounds of the formula (II) where $m + n = 3$.

Claim 6 (Previously Presented): The mixture according to Claim 1, wherein the mixture comprises from 0.1 to 50 mol%, based on the total amount of the compounds of the formula (I) and (II), of compounds of the formula (I).

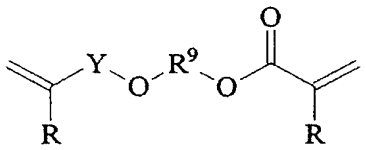
Claim 7 (Previously Presented): The mixture according to Claim 1, wherein the mixture comprises more than 30 mol%, based on the total amount of the compounds of the formula (I) and (II), of compounds of the formula (II) where $m + n = 1$.

Claim 8 (Previously Presented): The mixture according to Claim 1, wherein the mixture comprises compounds of the formula (II) where $m + n > 3$.

Claim 9 (Previously Presented): The mixture according to Claim 1, wherein the total content of compounds of the formula (I) and (II) is at least 5.0% by weight, based on the total weight of the mixture.

Claim 10 (Previously Presented): The mixture according to Claim 1, wherein there are at least 5 bonds separating the most adjacent carbon atoms of the at least two olefinic groups from one another.

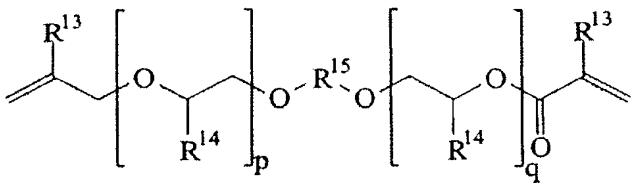
Claim 11 (Previously Presented): The mixture according to Claim 1, wherein the mixture comprises, as monomer (A), at least one compound of the formula (X)



(X),

where the radical R is independently a hydrogen atom, a fluorine atom and/or a methyl group, the radical R^9 is a connecting group and the radical Y is a bond or a connecting group having from 1 to 1000 carbon atoms.

Claim 12 (Previously Presented): The mixture according to Claim 1, wherein the mixture comprises, as monomer (A), at least one compound of the formula (XI)



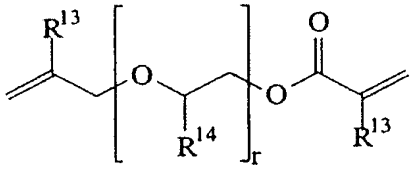
(XI)

where each R^{13}, independently of the other, is hydrogen or a methyl radical,

each R^{14}, independently of the other, is hydrogen or a methyl radical,

R^{15} is a linear or branched, aliphatic or cyclo-aliphatic radical or a substituted or unsubstituted aromatic or heteroaromatic radical, and

each of p and q, independently of the other, is a whole number greater than or equal to 0, where $p + q > 0$, and/or of the formula (XII)



(XII)

where each R^{13}, independently of the other, is hydrogen or a methyl radical,

R^{14} is hydrogen or a methyl radical, and

r is a whole number greater than 0.

Claim 13 (Previously Presented): The mixture according to Claim 12, wherein the mixture comprises from 1 to 40% by weight of the compounds of the formula (XI) and/or (XII), based on the total weight of the monomer mixture.

Claim 14 (Previously Presented): The mixture according to Claim 12, wherein the number r in formula (XII) is in the range from 7 to 15.

Claim 15 (Previously Presented): The mixture according to Claim 1 wherein the mixture comprises at least one monomer (B) which is copolymerizable with the monomers of the formulae (I) and (II), and also with the monomer (A).

Claim 16 (Previously Presented): The mixture according to Claim 15, wherein the mixture encompasses aromatic vinyl compounds and/or (meth)acrylates.

Claim 17 (Previously Presented): The mixture according to Claim 16, wherein the mixture encompasses di(meth)acrylates.

Claim 18 (Previously Presented): A process for preparing transparent plastics, comprising polymerizing a mixture according to Claim 1.

Claim 19 (Previously Presented): A transparent plastic obtained by a process according to Claim 18.

Claim 20 (Previously Presented): The transparent plastic according to Claim 19, wherein the refractive index of the plastic to DIN 53491 is greater than 1.58.

Claim 21 (Previously Presented): The transparent plastic according to Claim 19 wherein the Abbe number of the plastic to DIN 53491 is greater than 36.

Claim 22 (Previously Presented): The transparent plastic according to Claim 19 wherein the impact strength of the plastic to ISO 179/1fU is greater than 6 kJ/m^2.

Claim 23 (Previously Presented): The transparent plastic according to Claim 19 wherein the transmittance of the plastic to DIN 5036 is greater than 89.0%.

Claim 24 (Previously Presented): The transparent plastic according to Claim 19 wherein its Vicat point measured to ISO 306 is greater than 50.0°C.

Claim 25 (Previously Presented): A method of producing an optical lens comprising utilizing the transparent plastic according to Claim 19.

Claim 26 (Previously Presented): An optical lens comprising a transparent plastic according to Claim 19.

Claim 27 (Previously Presented): An ophthalmic lens comprising a transparent plastic according to Claim 19.

Claim 28 (Previously Presented): The mixture according to Claim 1, wherein the monomer (A) contains at least two different olefinic groups selected from the group consisting of an allyl group, an acryloyl group and a methacryloyl group.

Claim 29 (Previously Presented): The mixture according to Claim 1, wherein the monomer (A) has at least one terminal allyl group and at least one terminal methacryloyl group.

Claim 30 (Previously Presented): The mixture according to Claim 1, wherein the monomer (A) is an allyl polyethylene glycol methacrylate.

Claim 31 (Previously Presented): The mixture of Claim 30, wherein the allyl polyethylene glycol methacrylate is present in an amount of from 5 to 35% by weight based

on the total weight of the monomer mixture, and from 50-80% by weight of a mixture of the compounds of formula (I) and (II), and from 10 to 30% by weight of styrene.

Claim 32 (Currently Amended): The mixture according to Claim 1, wherein the mixture of compounds of formula (I) and (II) is present in an amount of from 60 to 85% by weight, the monomer (A) is present in an amount of 10 to 30% by weight, and [[a]] an additional monomer (B) is present in an amount of from 10 to 30% by weight, wherein percent by weight is based on the total weight of the mixture of the compounds of formula (I) and (II), the monomer (A), and the monomer (B),

wherein the monomer (B) is an ethylenically unsaturated monomer different from the monomer (A).